



Golestani 3

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IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Patent Application

Inventor(s)	Jamaloddin S Golestani	Case Name	Golestani 3
Filing Date	6/5/1999	Serial No.	09/327,347
Examiner	Hieu Le	Group Art Unit	2153
Title	End-to-End Internet Congestion Control		

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AMENDMENT AFTER FINAL

In response to an Office action dated September 6, 2002, please amend the above-identified application as follows.

In the Claims (Entire Set of Claims)

1. In a network that carries traffic of a plurality of sessions, a method, carried out by one of said sessions, comprising the steps of:

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evaluating a session congestion measure that is related to congestion information on links of said network which carry incoming traffic to a receiving end of said session;  
evaluating a session incremental reward function that is related to rate of said incoming traffic, and to traffic rate of no other session;  
evaluating a new rate of said incoming traffic that moves said rate of said incoming traffic in a direction that minimizes a global network cost function which combines cost functions assigned to said sessions and congestion cost functions assigned to said links.

2. The method of claim 1 where said session incremental reward function is the negative of a derivative, with respect to rate of said incoming traffic, of said one of said cost functions assigned to said sessions.

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